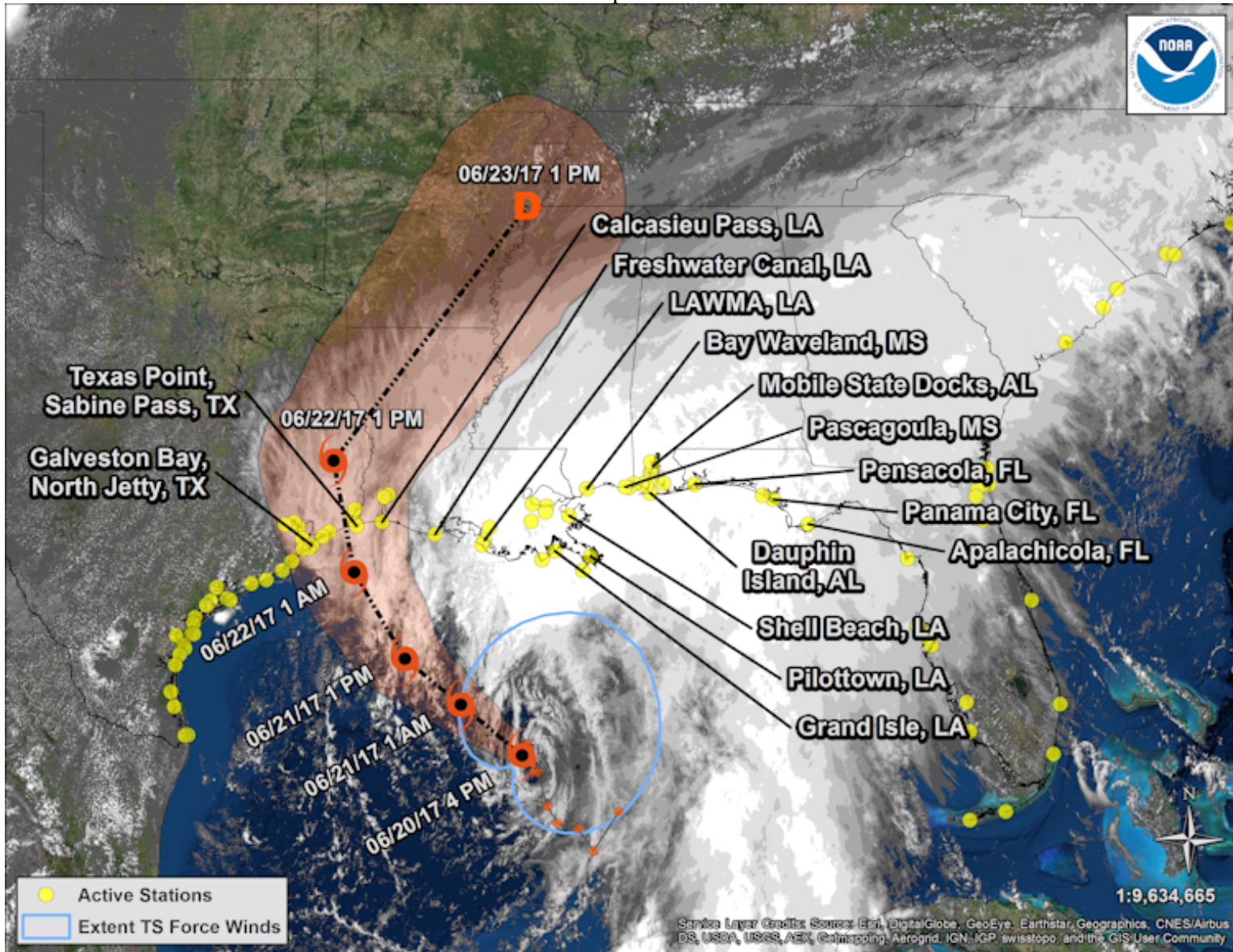




# Tropical Storm CINDY QuickLook Posted: 17:00 CDT 06/20/2017

NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 06/20/2017 17:00 CDT, water levels along the central Gulf of Mexico coast are elevated and range between 0.70 to 3.50 ft above normal tide levels. The highest water level residuals are at Pilottown, LA and Shell Beach, LA where water levels are 2.5 ft and 3.5 ft above tide predictions respectively. Winds are beginning to increase, with the highest speeds recorded around the "bird's foot" of Louisiana. Barometric pressure is beginning to fall across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: AC

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CINDY ADVISORY NUMBER 5  
NWS NATIONAL HURRICANE CENTER MIAMI FL  
400 PM CDT TUE JUN 20 2017

...CINDY MEANDERING OVER THE CENTRAL GULF...  
...HEAVY RAINFALL COULD PRODUCE LIFE-THREATENING FLASH FLOODING  
ACROSS PORTIONS OF THE NORTHERN GULF COAST...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

THE TROPICAL STORM WARNING HAS BEEN EXTENDED WESTWARD TO SAN LUIS PASS, TEXAS.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A TROPICAL STORM WARNING IS IN EFFECT FOR...  
\* SAN LUIS PASS TO THE MOUTH OF THE PEARL RIVER

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA, IN THIS CASE WITHIN THE NEXT 24 TO 36 HOURS.

INTERESTS ELSEWHERE ALONG THE U.S. GULF COAST FROM THE CENTRAL TEXAS COAST TO THE WESTERN FLORIDA PANHANDLE SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA, INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS, PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 400 PM CDT, THE CENTER OF TROPICAL STORM CINDY WAS LOCATED ABOUT 280 MI S OF MORGAN CITY LOUISIANA. CINDY HAS BEEN NEARLY STATIONARY FOR THE PAST SEVERAL HOURS, BUT A NORTHWESTWARD MOTION IS EXPECTED TO RESUME TONIGHT AND CONTINUE THROUGH WEDNESDAY. A TURN TOWARD THE NORTH-NORTHWEST AND THEN TOWARD THE NORTH IS EXPECTED WEDNESDAY NIGHT AND EARLY THURSDAY. ON THE FORECAST TRACK, THE CENTER OF CINDY WILL APPROACH THE COAST OF SOUTHWEST LOUISIANA AND SOUTHEAST TEXAS LATE WEDNESDAY AND WEDNESDAY NIGHT, AND MOVE INLAND OVER SOUTHEASTERN TEXAS ON THURSDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. SOME SLIGHT STRENGTHENING IS EXPECTED DURING THE NEXT 24 HOURS.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 205 MILES FROM THE CENTER, MAINLY TO THE NORTH AND EAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 999 MB.

#### HAZARDS AFFECTING LAND

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RAINFALL: CINDY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 6 TO 9 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES OVER SOUTHEASTERN LOUISIANA, SOUTHERN MISSISSIPPI, SOUTHERN ALABAMA, AND THE FLORIDA PANHANDLE THROUGH THURSDAY. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODING IN THESE AREAS.

RAINFALL AMOUNTS OF 3 TO 5 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES CAN BE EXPECTED FARTHER WEST ACROSS SOUTHWEST LOUISIANA INTO SOUTHEAST TEXAS THROUGH THURSDAY.

WIND: TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST WITHIN THE WARNING AREA LATER TODAY AND SPREAD WESTWARD WITHIN THE WARNING AREA THROUGH EARLY THURSDAY.

STORM SURGE: INUNDATION OF 1 TO 3 FEET ABOVE GROUND LEVEL IS POSSIBLE ALONG THE COAST IN PORTIONS OF THE TROPICAL STORM WARNING AREA.

TORNADOES: ISOLATED TORNADOES ARE POSSIBLE THIS EVENING AND TONIGHT FROM SOUTH-CENTRAL LOUISIANA TO THE WESTERN FLORIDA PANHANDLE.

#### NEXT ADVISORY

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NEXT INTERMEDIATE ADVISORY AT 700 PM CDT.  
NEXT COMPLETE ADVISORY AT 1000 PM CDT.

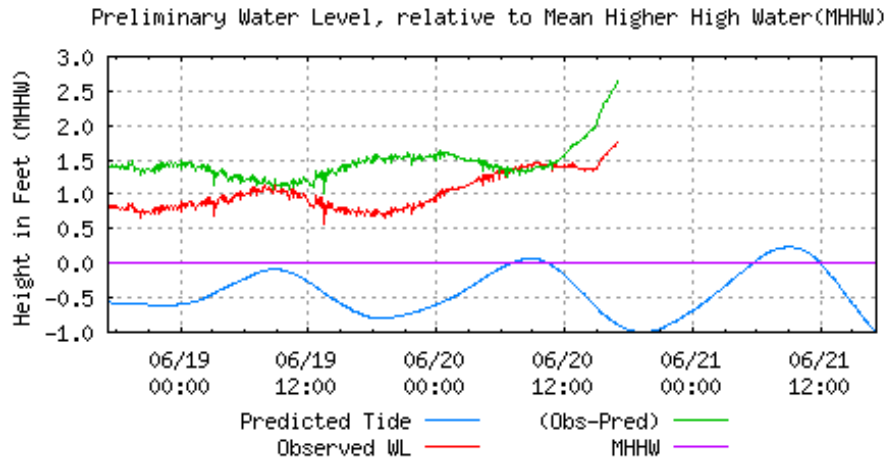
FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pilottown - Water Level](#), [Pilottown - Winds](#), [Pilottown - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Dock C, Port of Pascagoula - Winds](#), [Dock C, Port of Pascagoula - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Mobile State Docks - Water Level](#), [Mobile State Docks - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Barometric](#), [Panama City - Barometric](#), [Panama City - Winds](#), [Panama City - Water Level](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#),

Grand Isle - Barometric, LAWMA, Amerada Pass - Water Level, LAWMA, Amerada Pass - Winds, LAWMA, Amerada Pass - Barometric, Freshwater Canal Locks - Water Level, Freshwater Canal Locks - Winds, Freshwater Canal Locks - Barometric, Calcasieu Pass - Water Level, Calcasieu Pass - Winds, Calcasieu Pass - Barometric, Texas Point, Sabine Pass - Water Level, Texas Point, Sabine Pass - Winds, Texas Point, Sabine Pass - Barometric, Galveston Bay Entrance, North Jetty - Water Level, Galveston Bay Entrance, North Jetty - Winds, Galveston Bay Entrance, North Jetty - Barometric

NOAA/NOS/CO-OPS 8760721 Pilottown, LA



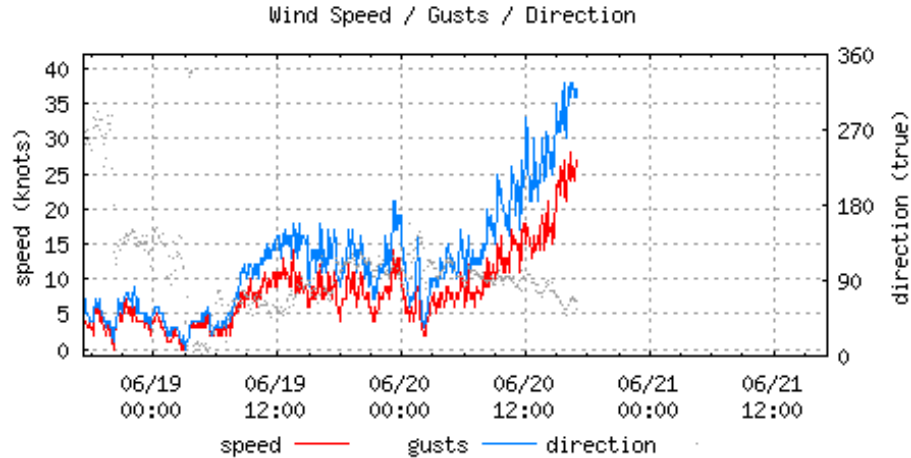
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 1.78 ft. Predicted: -0.90 ft. Residual: 2.68 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/21/2017 09:02 (CDT), 0.23 ft.

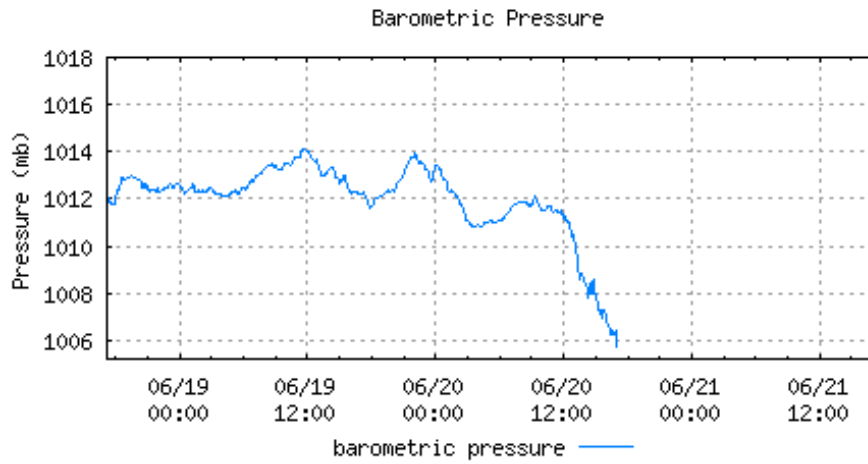
NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 24 knots Gusts: 35 knots Direction: 48° T

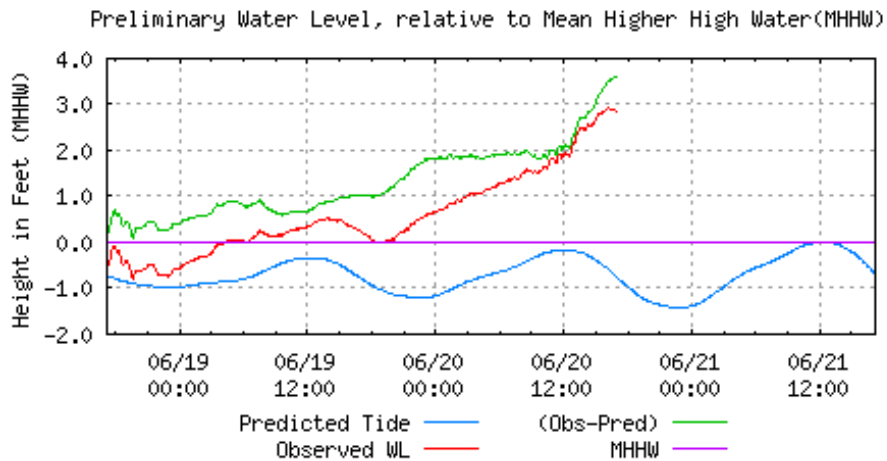
NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1005.2 mb

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



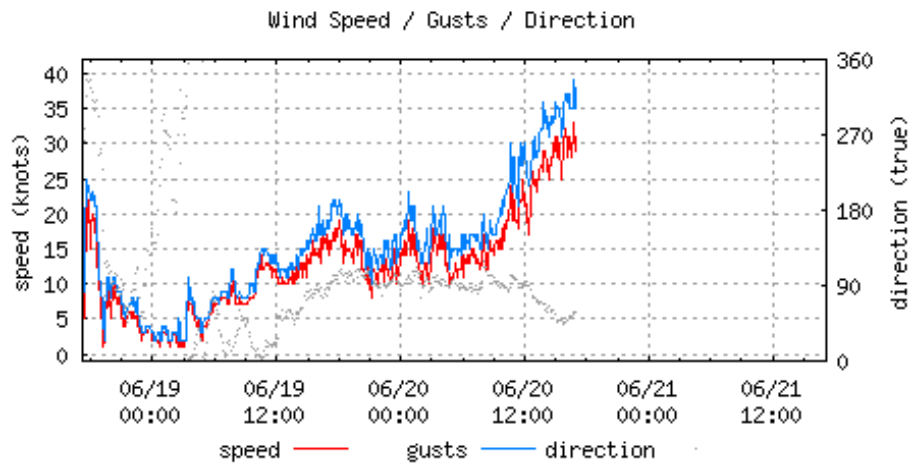
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 2.81 ft. Predicted: -0.78 ft. Residual: 3.59 ft.

Historical Maximum Water Level: Aug 29 2012, 9.45 ft.

Next High Tide: 06/21/2017 12:19 (CDT), 0.01 ft.

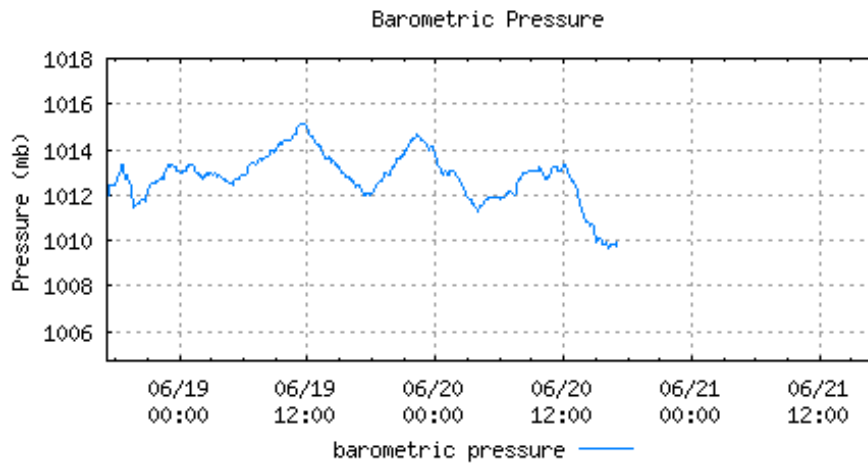
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 30 knots Gusts: 38 knots Direction: 60° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



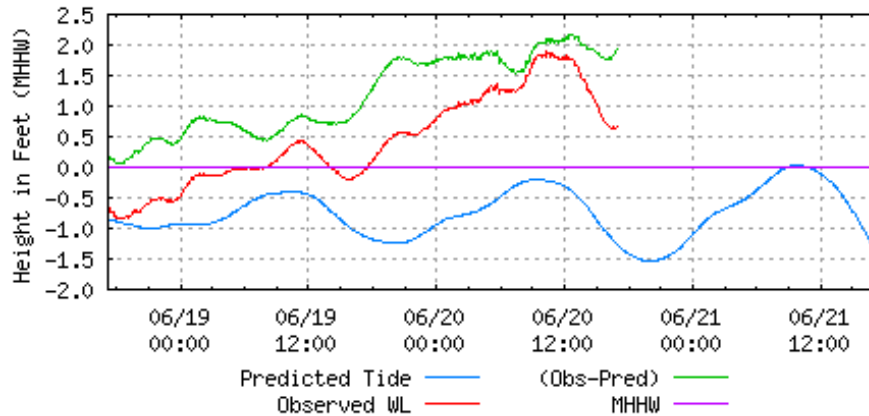
Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1009.9 mb



NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

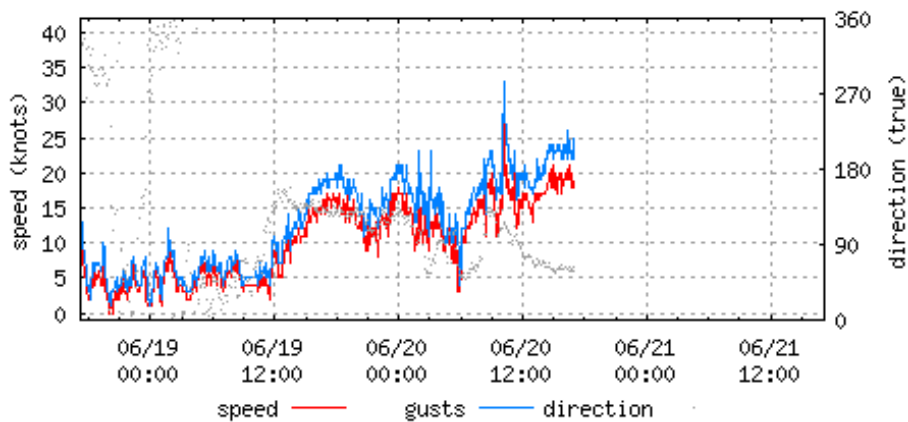
Observed: 0.66 ft. Predicted: -1.30 ft. Residual: 1.96 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 06/21/2017 09:46 (CDT), 0.03 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Wind Speed / Gusts / Direction

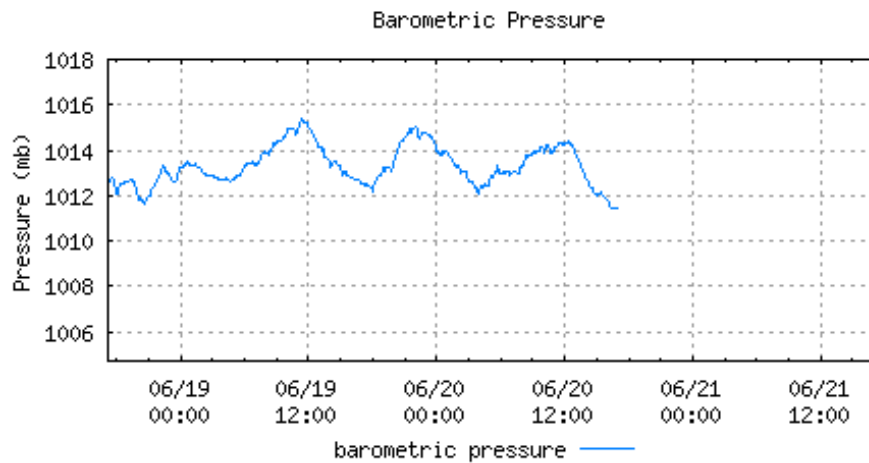


Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 20 knots Gusts: 23 knots Direction: 61° T



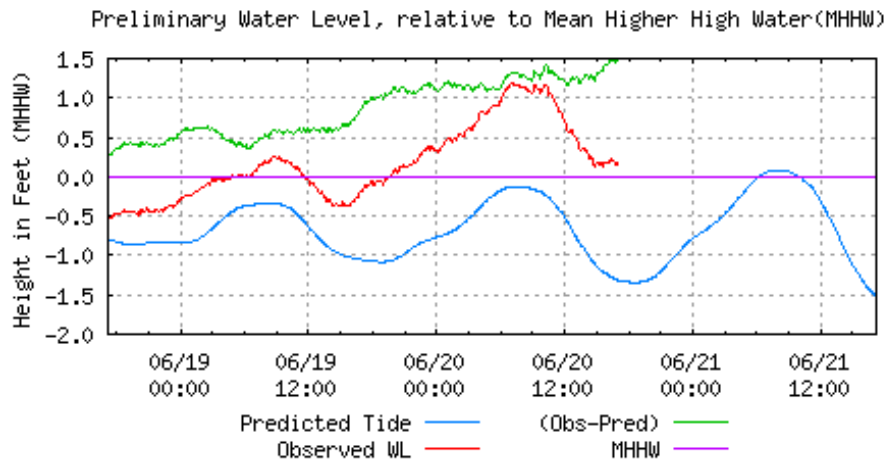
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1011.5 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS



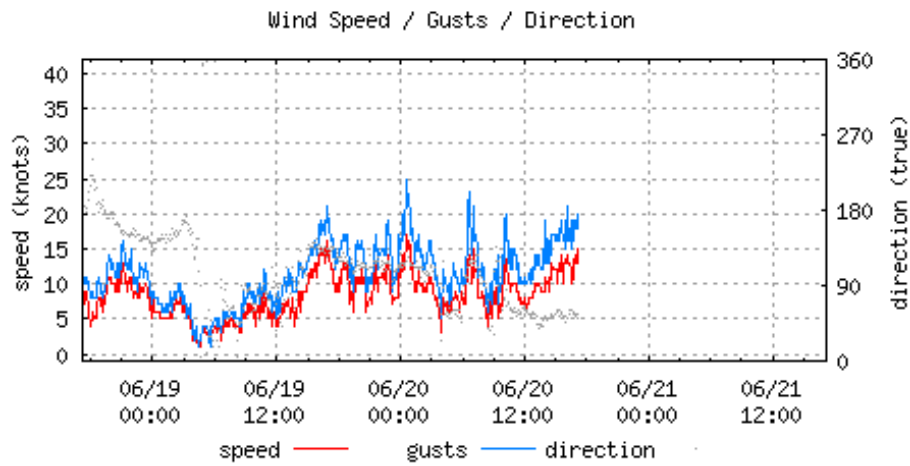
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 0.13 ft. Predicted: -1.32 ft. Residual: 1.45 ft.

Historical Maximum Water Level: Sep 1 2008, 4.90 ft.

Next High Tide: 06/21/2017 07:53 (CDT), 0.09 ft.

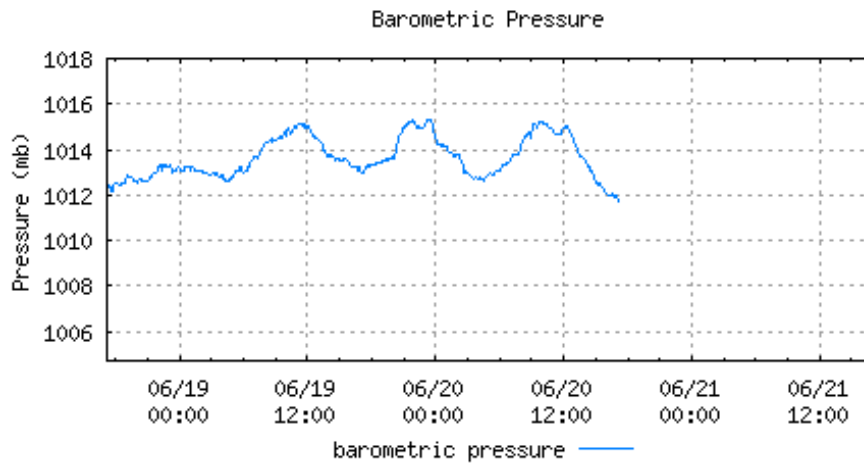
NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS



Last Observed Sample: 06/20/2017 17:12 (CDT)

Wind Speed: 15 knots Gusts: 20 knots Direction: 57° T

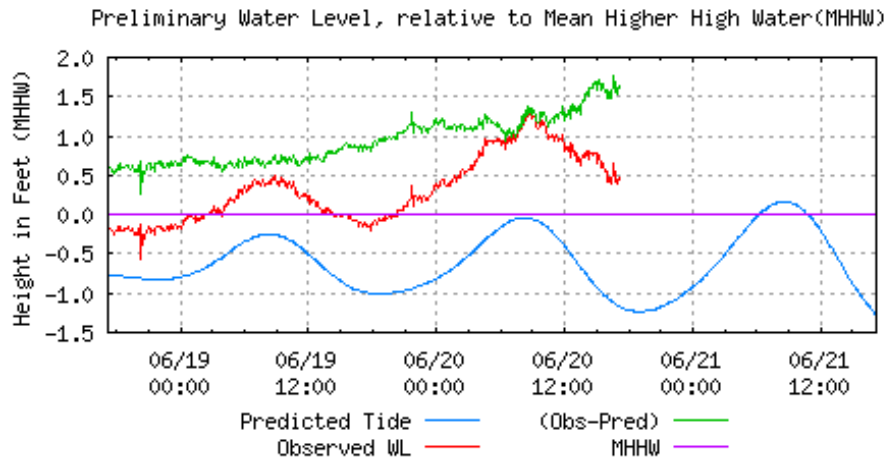
NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS



Last Observed Sample: 06/20/2017 17:12 (CDT)

Barometric Pressure: 1011.7 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



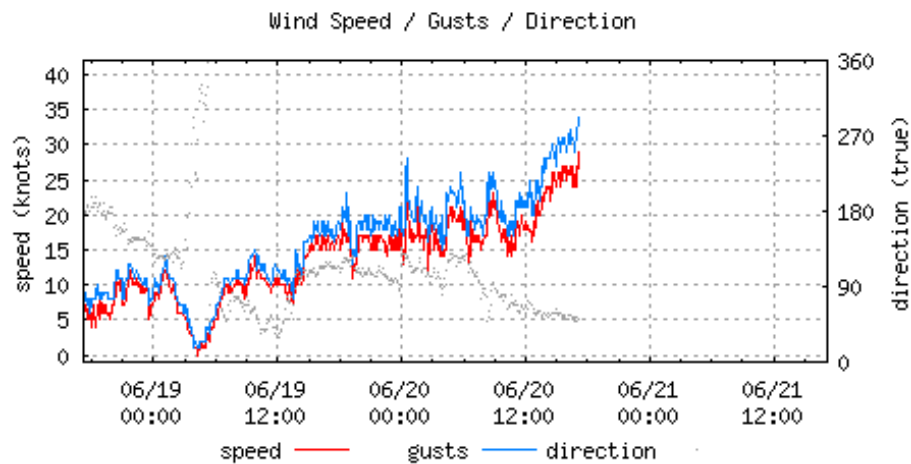
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 0.47 ft. Predicted: -1.16 ft. Residual: 1.63 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 06/21/2017 08:35 (CDT), 0.17 ft.

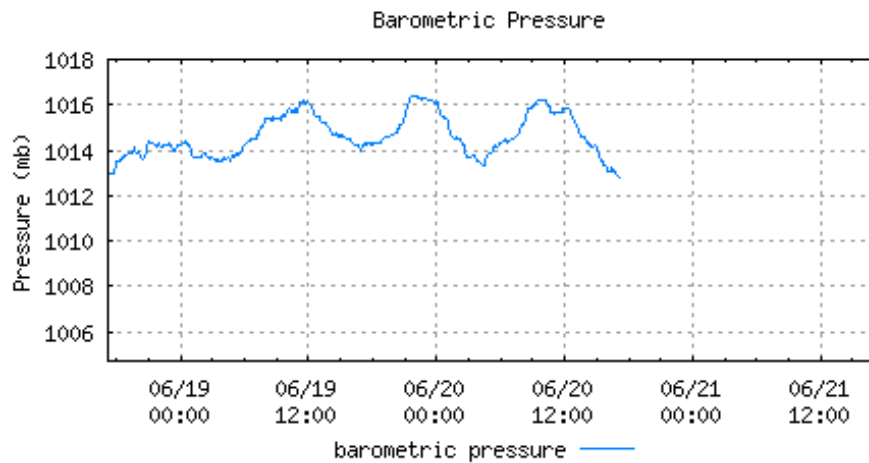
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 29 knots Gusts: 34 knots Direction: 50° T

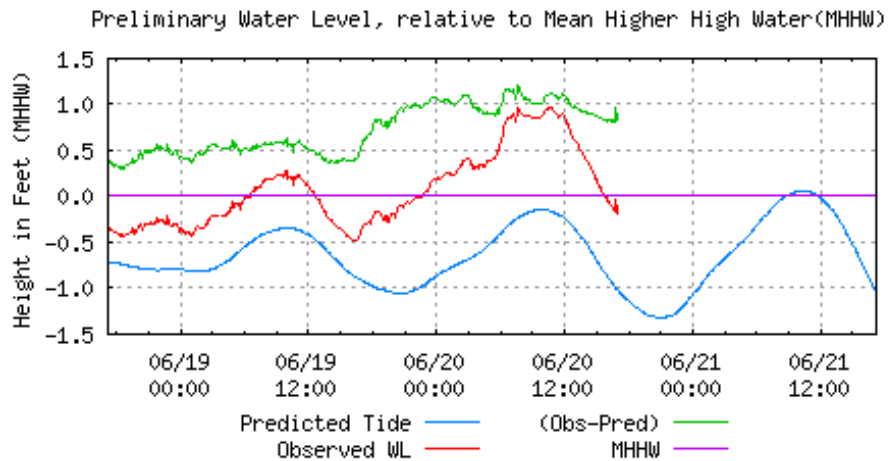
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1012.8 mb

NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL



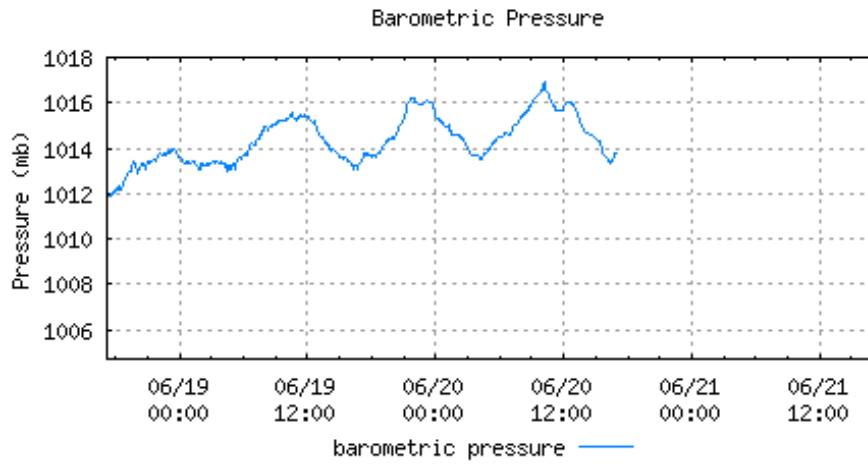
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: -0.12 ft. Predicted: -1.04 ft. Residual: 0.92 ft.

Historical Maximum Water Level: Aug 29 2012, 3.67 ft.

Next High Tide: 06/21/2017 10:17 (CDT), 0.06 ft.

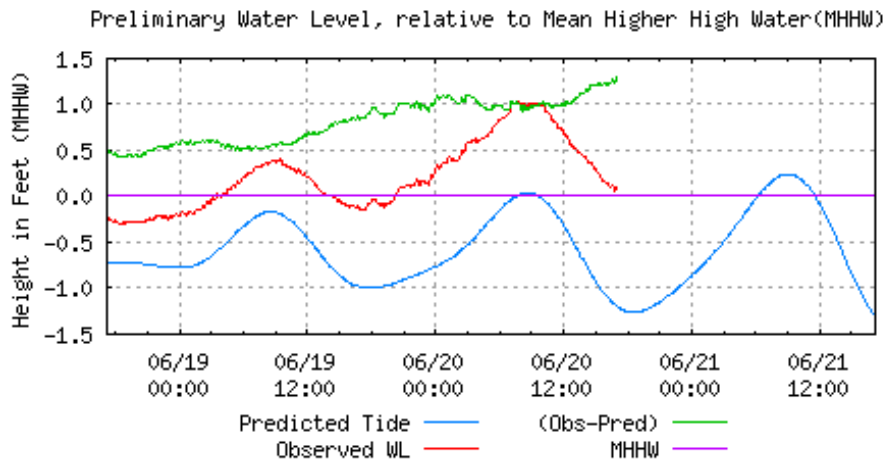
NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1013.8 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



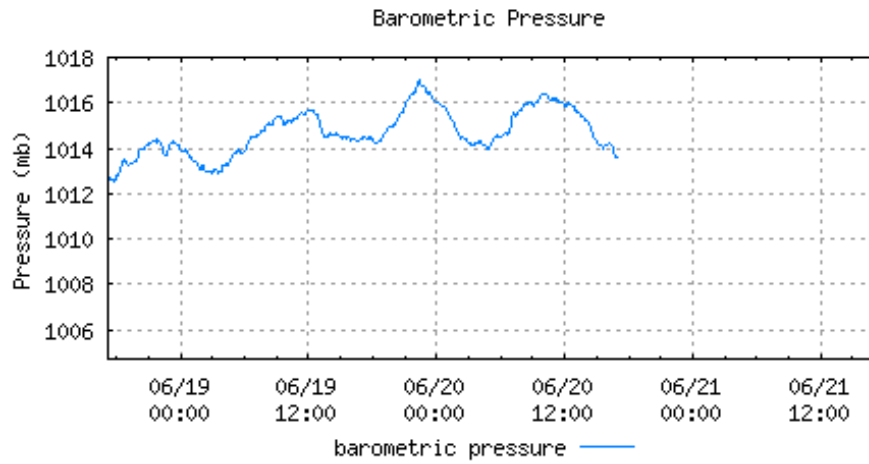
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 0.08 ft. Predicted: -1.21 ft. Residual: 1.29 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/21/2017 09:02 (CDT), 0.24 ft.

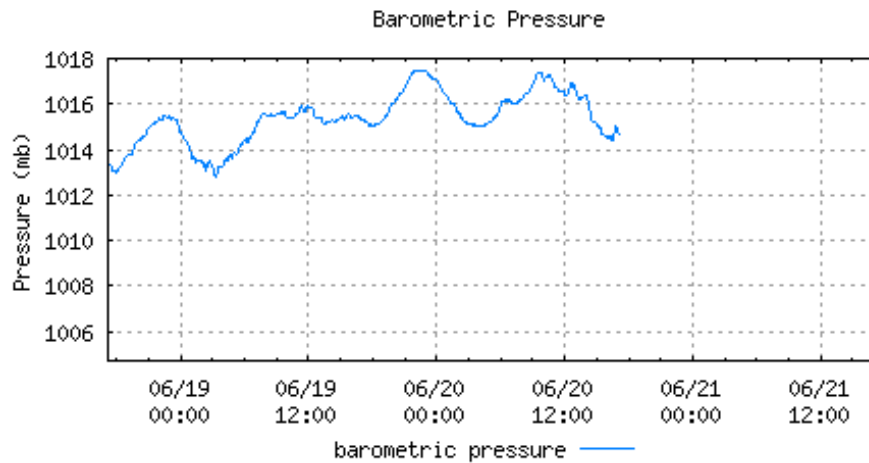
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1013.6 mb

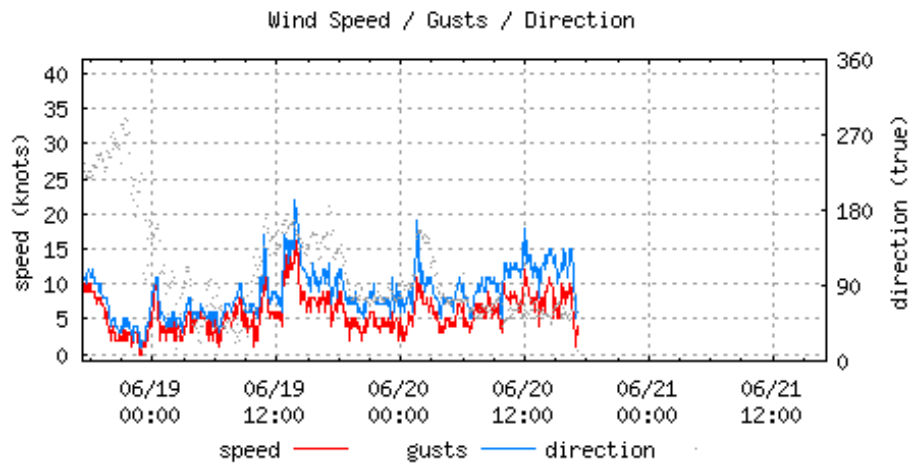
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 06/20/2017 17:12 (CDT)

Barometric Pressure: 1014.7 mb

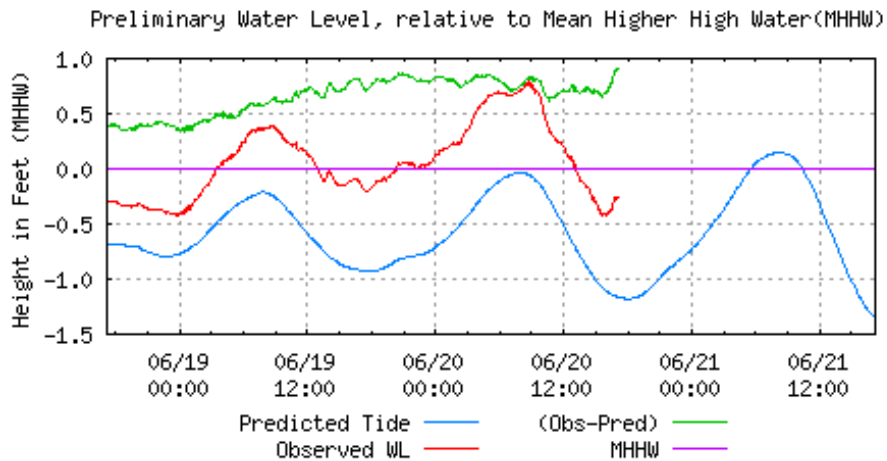
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 06/20/2017 17:12 (CDT)

Wind Speed: 6 knots Gusts: 8 knots Direction: 24° T

NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 06/20/2017 17:12 (CDT). Data relative to MHHW

Observed: -0.25 ft. Predicted: -1.16 ft. Residual: 0.91 ft.

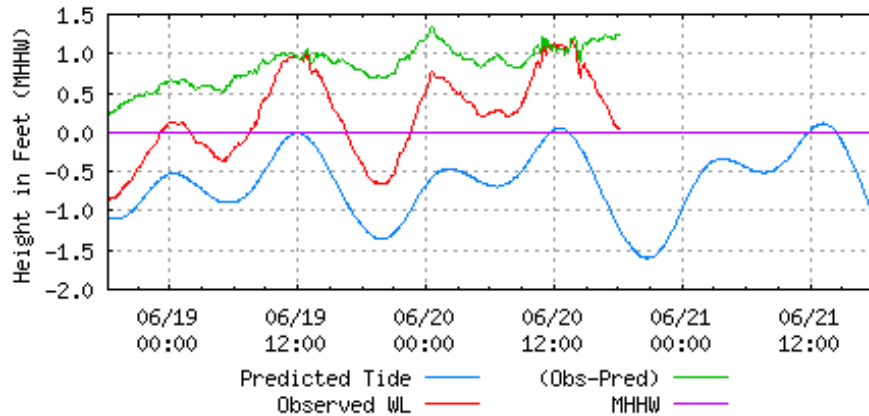
Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 06/21/2017 08:16 (CDT), 0.15 ft.



NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 18:06 (EDT). Data relative to MHHW

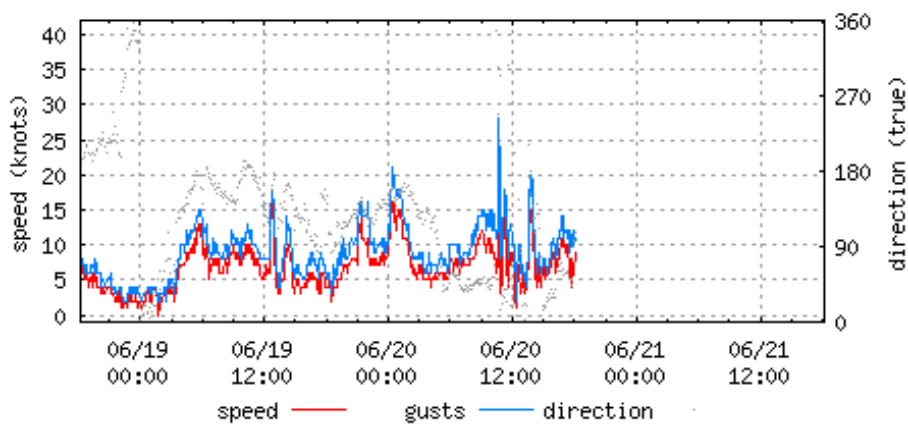
Observed: 0.04 ft. Predicted: -1.21 ft. Residual: 1.25 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 06/21/2017 03:47 (EDT), -0.34 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

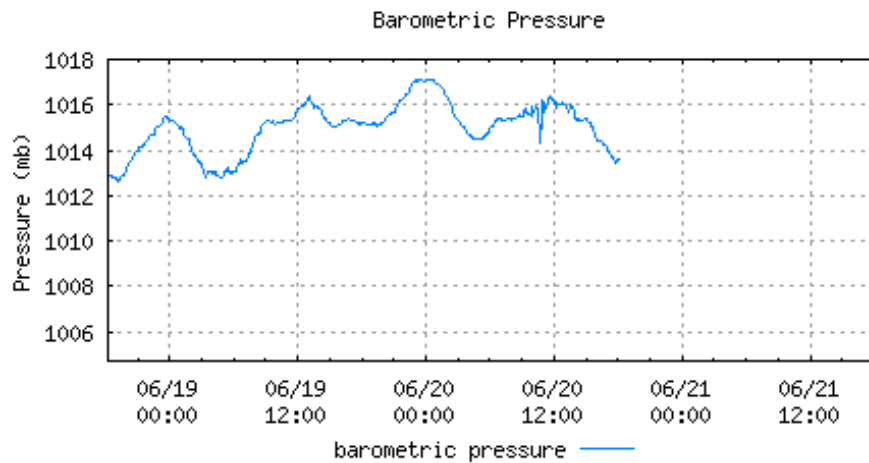
Wind Speed / Gusts / Direction



Last Observed Sample: 06/20/2017 18:06 (EDT)

Wind Speed: 9 knots Gusts: 11 knots Direction: 106° T

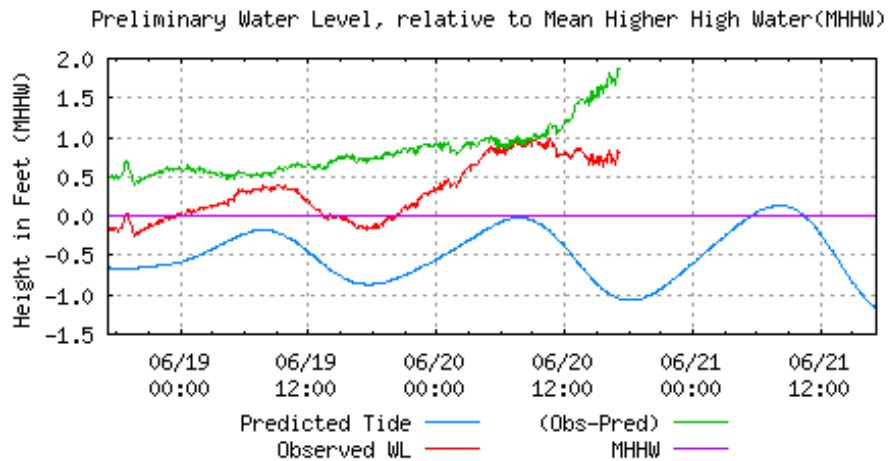
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 06/20/2017 18:06 (EDT)

Barometric Pressure: 1013.6 mb

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



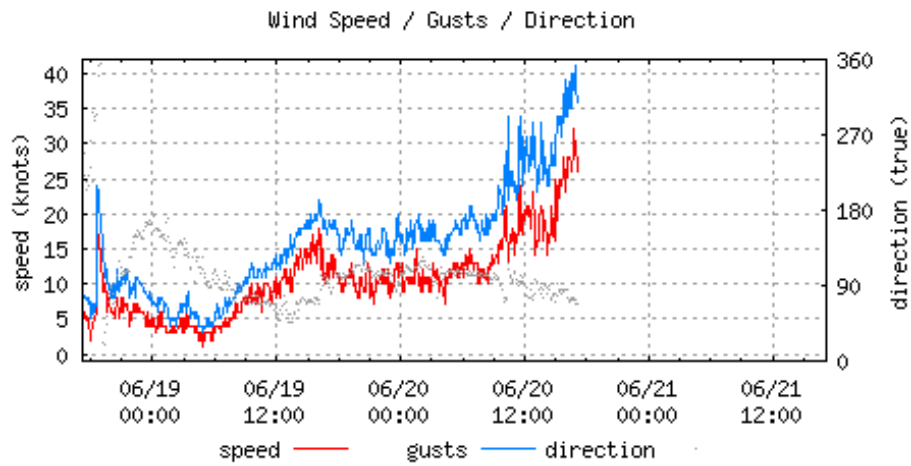
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 0.82 ft. Predicted: -1.05 ft. Residual: 1.87 ft.

Historical Maximum Water Level: Aug 29 2012, 4.45 ft.

Next High Tide: 06/21/2017 08:08 (CDT), 0.14 ft.

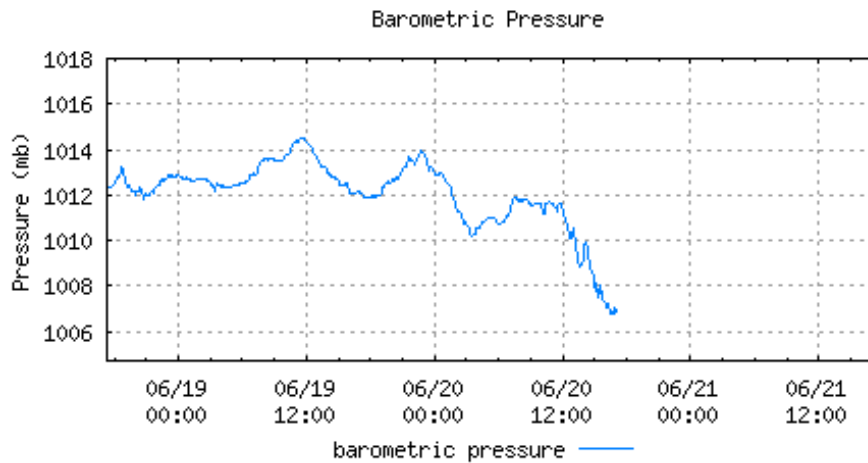
NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 26 knots Gusts: 36 knots Direction: 69° T

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA

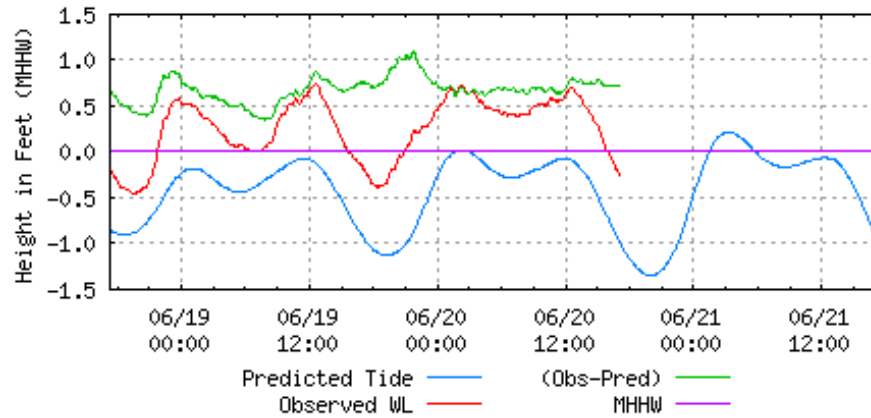


Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1006.9 mb

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

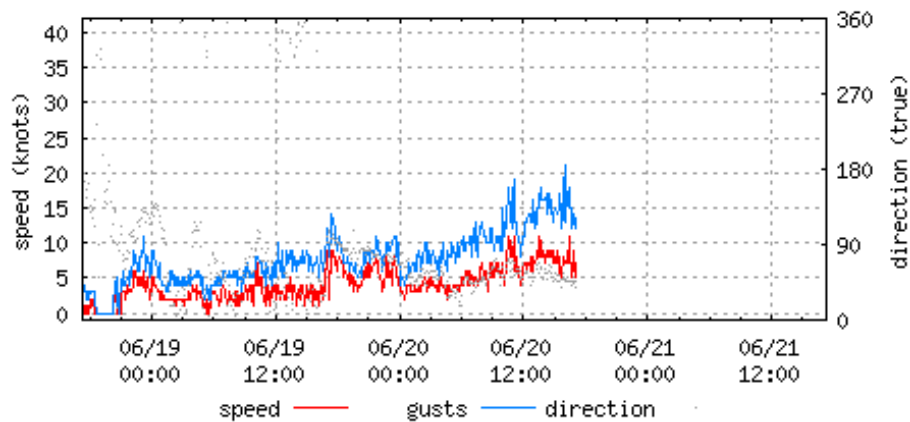
Observed: -0.26 ft. Predicted: -0.99 ft. Residual: 0.73 ft.

Historical Maximum Water Level: Sep 12 2008, 5.90 ft.

Next High Tide: 06/21/2017 03:16 (CDT), 0.22 ft.

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

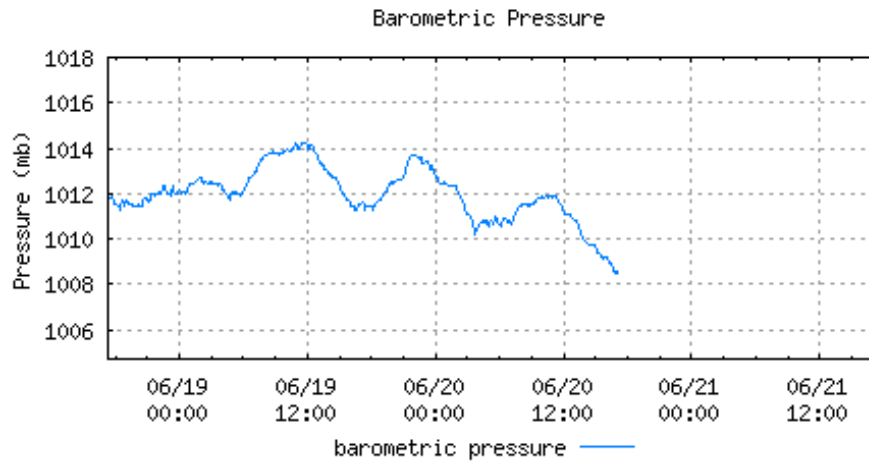
Wind Speed / Gusts / Direction



Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 5 knots Gusts: 12 knots Direction: 39° T

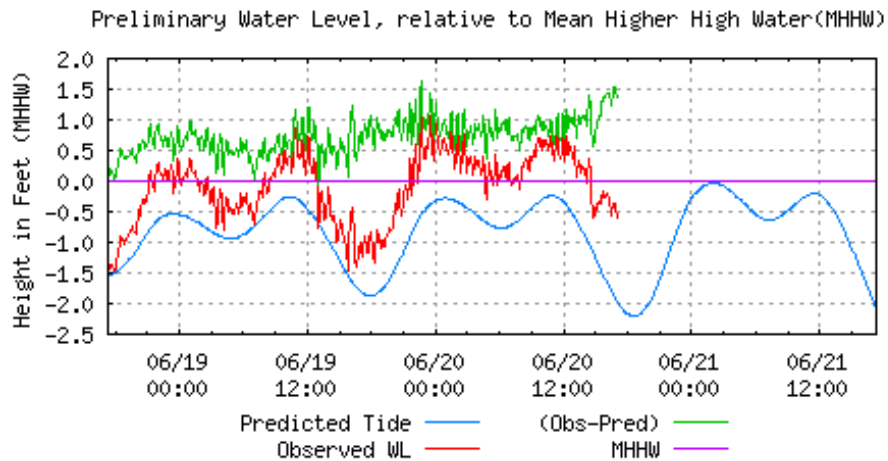
NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1008.5 mb

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA



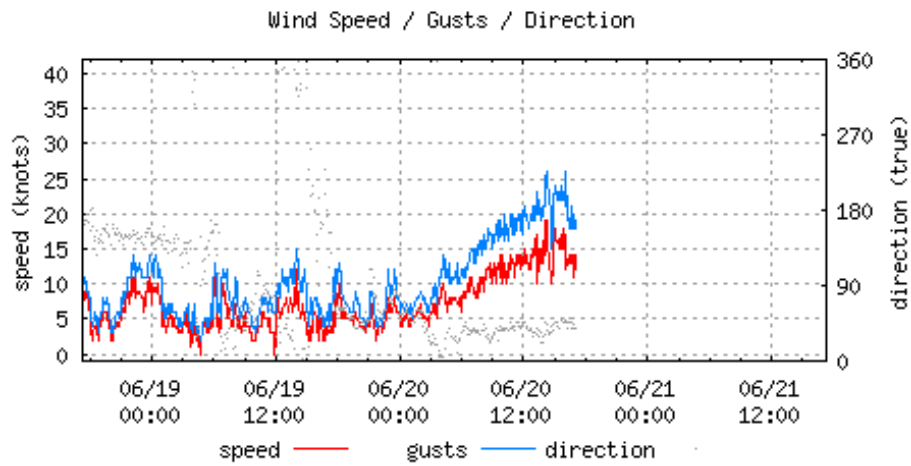
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: -0.60 ft. Predicted: -1.98 ft. Residual: 1.38 ft.

Historical Maximum Water Level: Sep 12 2008, 7.98 ft.

Next High Tide: 06/21/2017 02:00 (CDT), -0.03 ft.

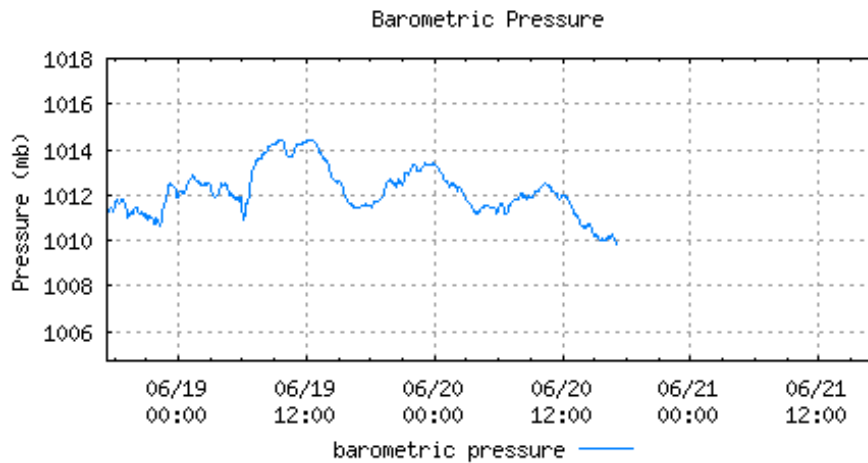
NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 12 knots Gusts: 18 knots Direction: 39° T

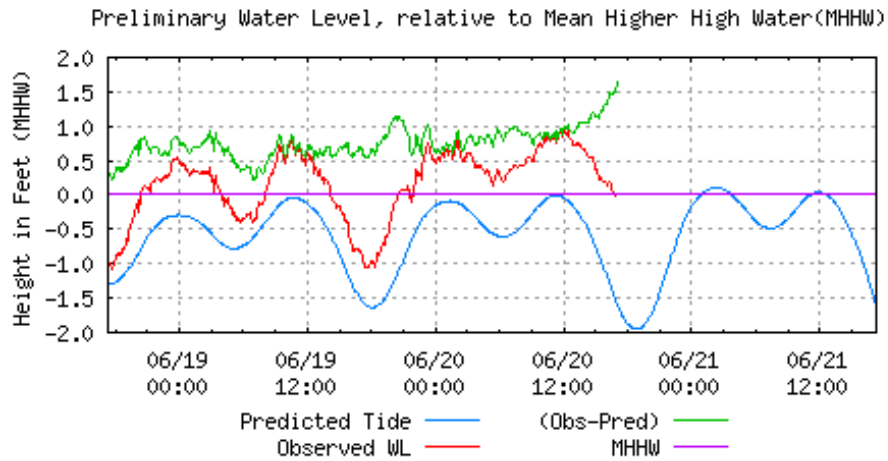
NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1009.8 mb

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



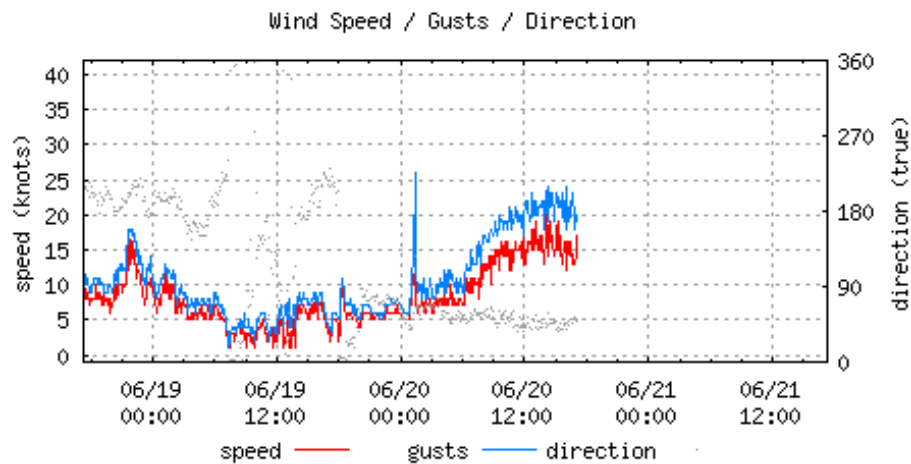
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 0.02 ft. Predicted: -1.61 ft. Residual: 1.63 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/21/2017 02:18 (CDT), 0.11 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

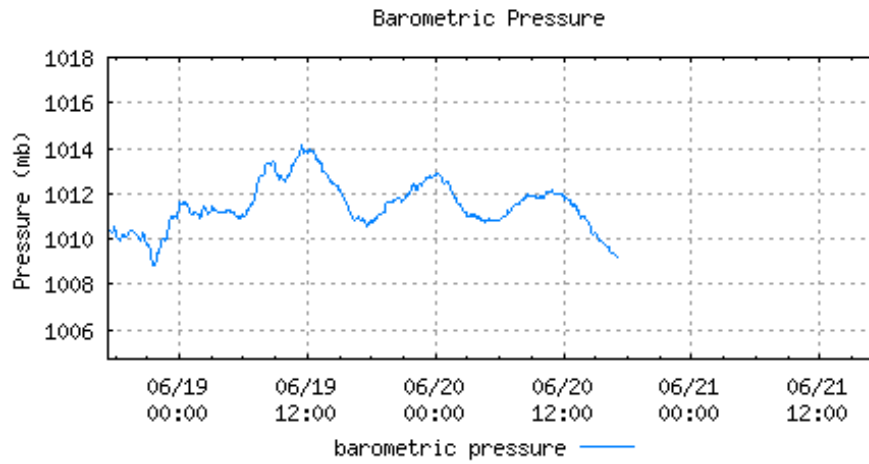


Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 17 knots Gusts: 20 knots Direction: 48° T



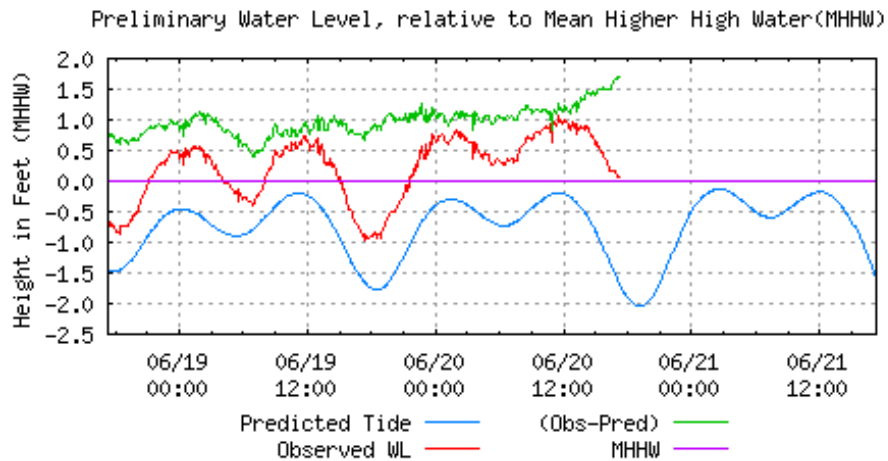
NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1009.2 mb

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



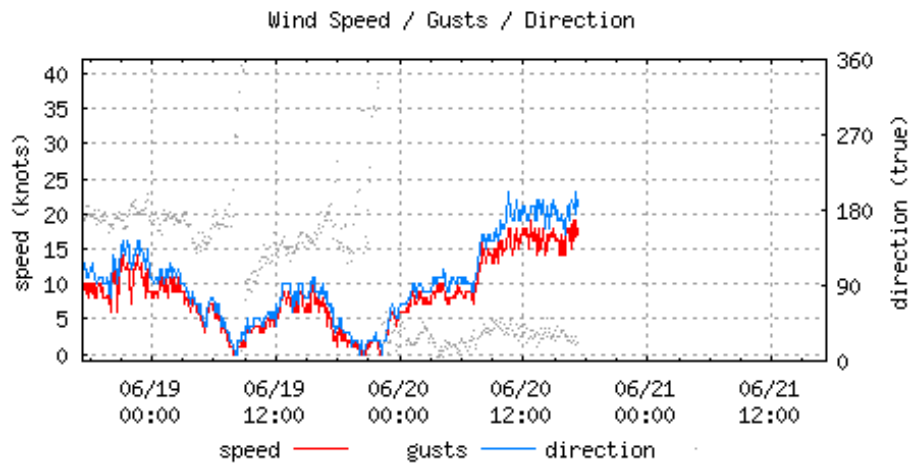
Last Observed Sample: 06/20/2017 17:12 (CDT). Data relative to MHHW

Observed: 0.05 ft. Predicted: -1.66 ft. Residual: 1.71 ft.

Historical Maximum Water Level: Mar 20 2012, 1.91 ft.

Next High Tide: 06/21/2017 02:39 (CDT), -0.14 ft.

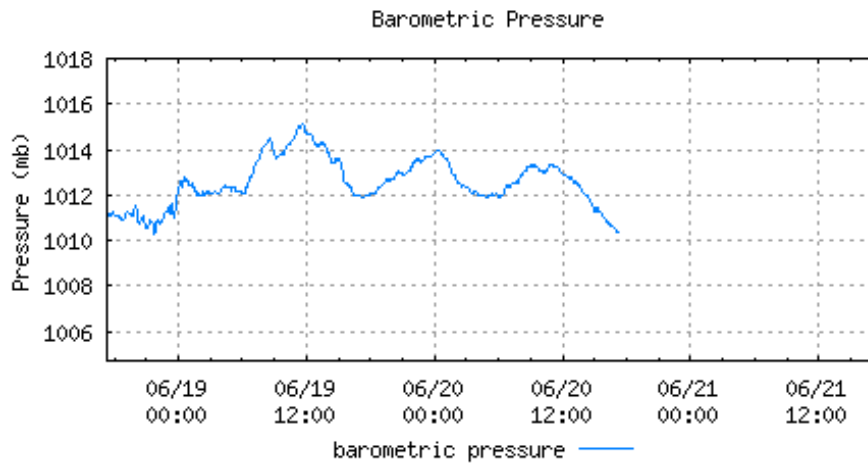
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/20/2017 17:12 (CDT)

Wind Speed: 17 knots Gusts: 21 knots Direction: 23° T

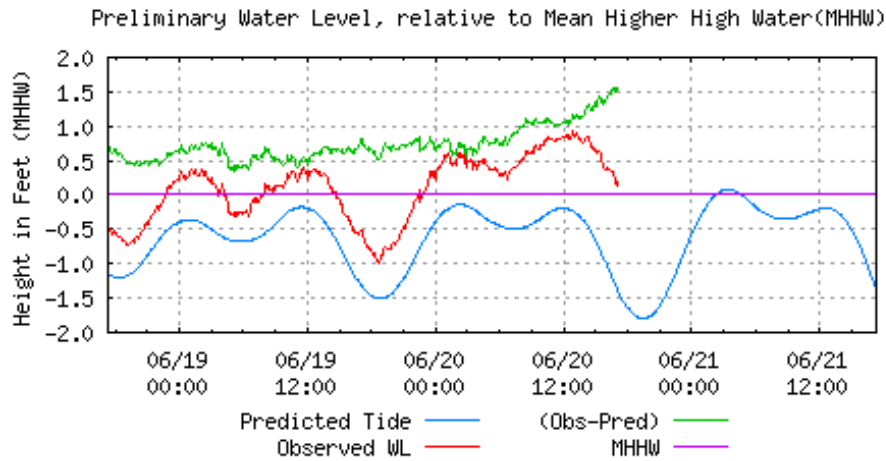
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/20/2017 17:12 (CDT)

Barometric Pressure: 1010.4 mb

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



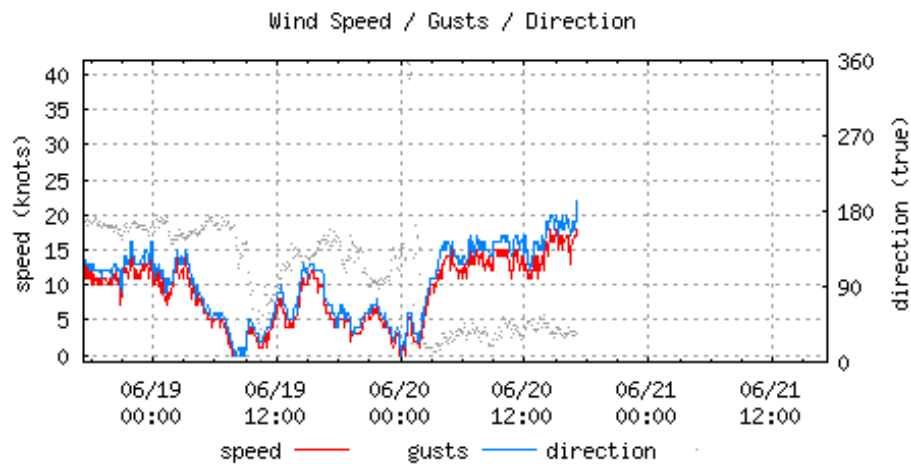
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 0.15 ft. Predicted: -1.39 ft. Residual: 1.54 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 06/21/2017 03:23 (CDT), 0.08 ft.

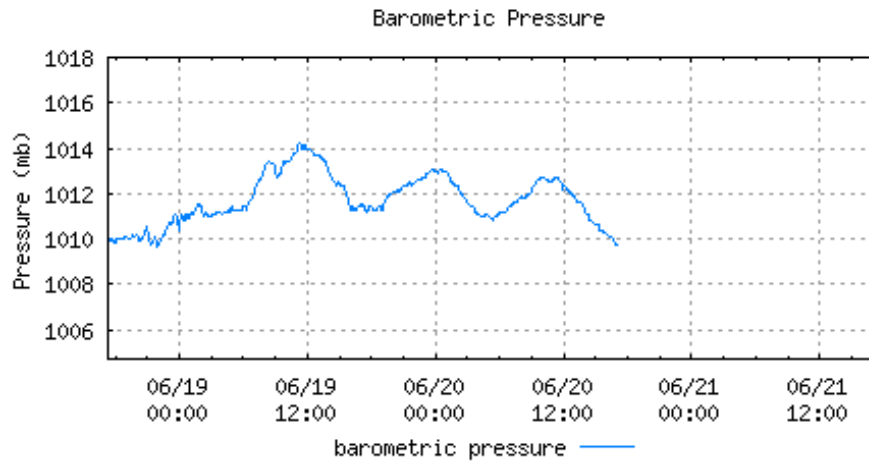
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 18 knots Gusts: 22 knots Direction: 33° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1009.7 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8760721	Pilottown, LA	06/20/2017 17:06 (CDT)	1.78 ft	-0.90 ft	2.68 ft	1.78 ft
8761305	Shell Beach, LA	06/20/2017 17:06 (CDT)	2.81 ft	-0.78 ft	3.59 ft	2.93 ft
8747437	Bay Waveland Yacht Club, MS	06/20/2017 17:06 (CDT)	0.66 ft	-1.30 ft	1.96 ft	1.89 ft
8741533	Pascagoula NOAA Lab, MS	06/20/2017 17:06 (CDT)	0.13 ft	-1.32 ft	1.45 ft	1.19 ft
8735180	Dauphin Island, AL	06/20/2017 17:06 (CDT)	0.47 ft	-1.16 ft	1.63 ft	1.35 ft
8737048	Mobile State Docks, AL	06/20/2017 17:06 (CDT)	-0.12 ft	-1.04 ft	0.92 ft	0.97 ft
8729840	Pensacola, FL	06/20/2017 17:06 (CDT)	0.08 ft	-1.21 ft	1.29 ft	1.02 ft
8729108	Panama City, FL	06/20/2017 17:12 (CDT)	-0.25 ft	-1.16 ft	0.91 ft	0.79 ft
8728690	Apalachicola, FL	06/20/2017 18:06 (EDT)	0.04 ft	-1.21 ft	1.25 ft	1.16 ft
8761724	Grand Isle, LA	06/20/2017 17:06 (CDT)	0.82 ft	-1.05 ft	1.87 ft	0.99 ft
8764227	LAWMA, Amerada Pass, LA	06/20/2017 17:06 (CDT)	-0.26 ft	-0.99 ft	0.73 ft	0.71 ft
8766072	Freshwater Canal Locks, LA	06/20/2017 17:06 (CDT)	-0.60 ft	-1.98 ft	1.38 ft	1.09 ft
8768094	Calcasieu Pass, LA	06/20/2017 17:06 (CDT)	0.02 ft	-1.61 ft	1.63 ft	0.94 ft
8770822	Texas Point, Sabine Pass, TX	06/20/2017 17:12 (CDT)	0.05 ft	-1.66 ft	1.71 ft	1.08 ft
8771341	Galveston Bay Entrance, North Jetty, TX	06/20/2017 17:06 (CDT)	0.15 ft	-1.39 ft	1.54 ft	0.93 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce